



Thomas Mulkern

# U.S. Army Research Laboratory

U.S. Army Research, Development and Engineering Command



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# U.S. ARMY RESEARCH LABORATORY

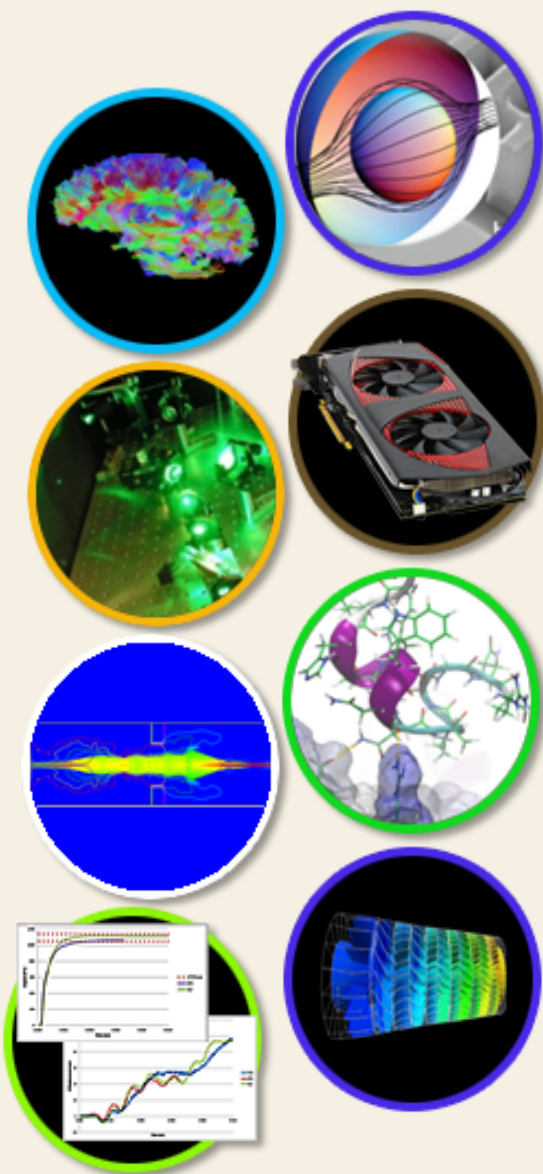
## Vision

The Nation's Premier Laboratory for Land Forces

## Mission

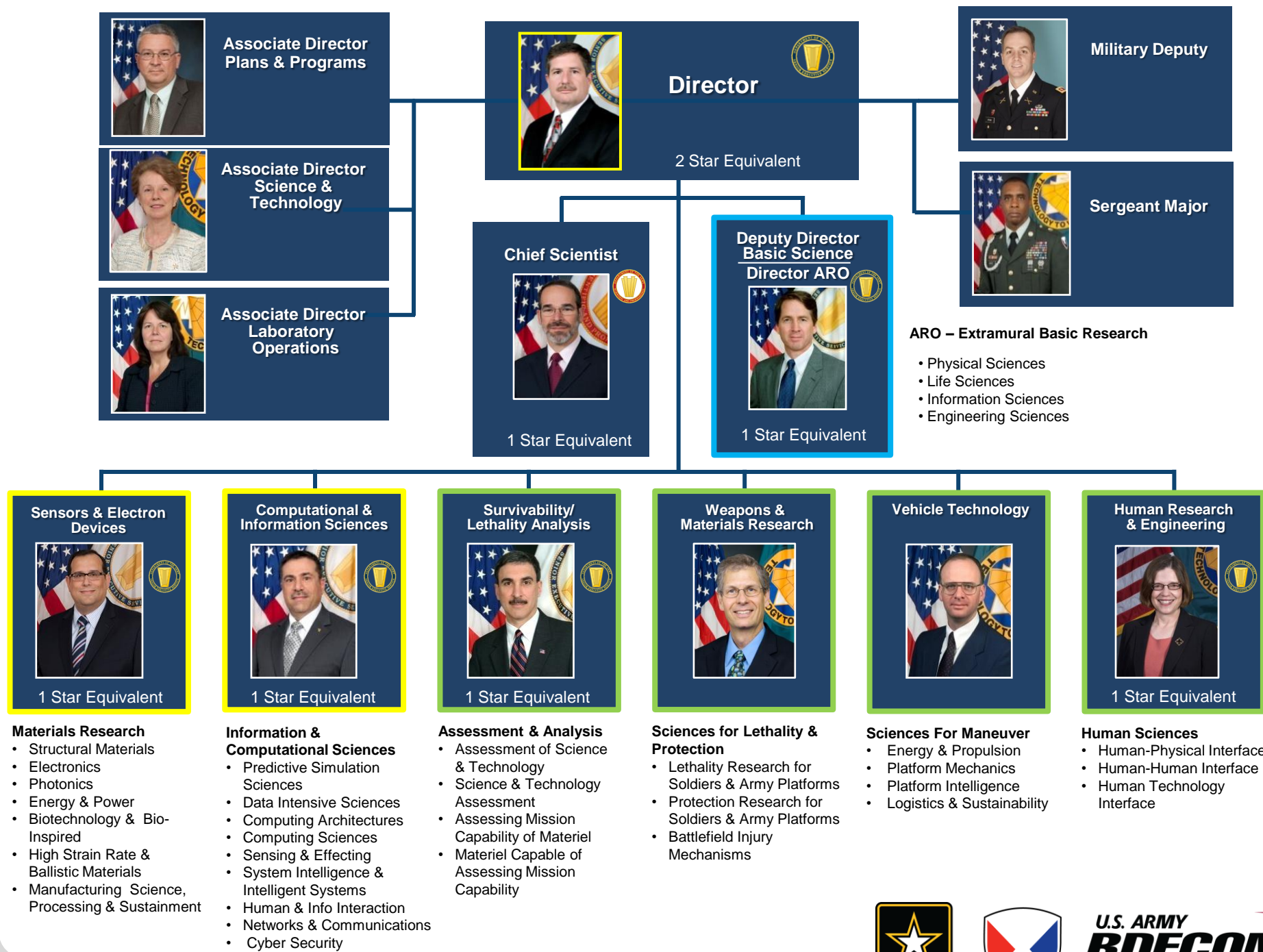
**DISCOVER**, **INNOVATE**, and **TRANSITION** Science and Technology to ensure dominant strategic land power

Making Today's Army And The Next Army Obsolete



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

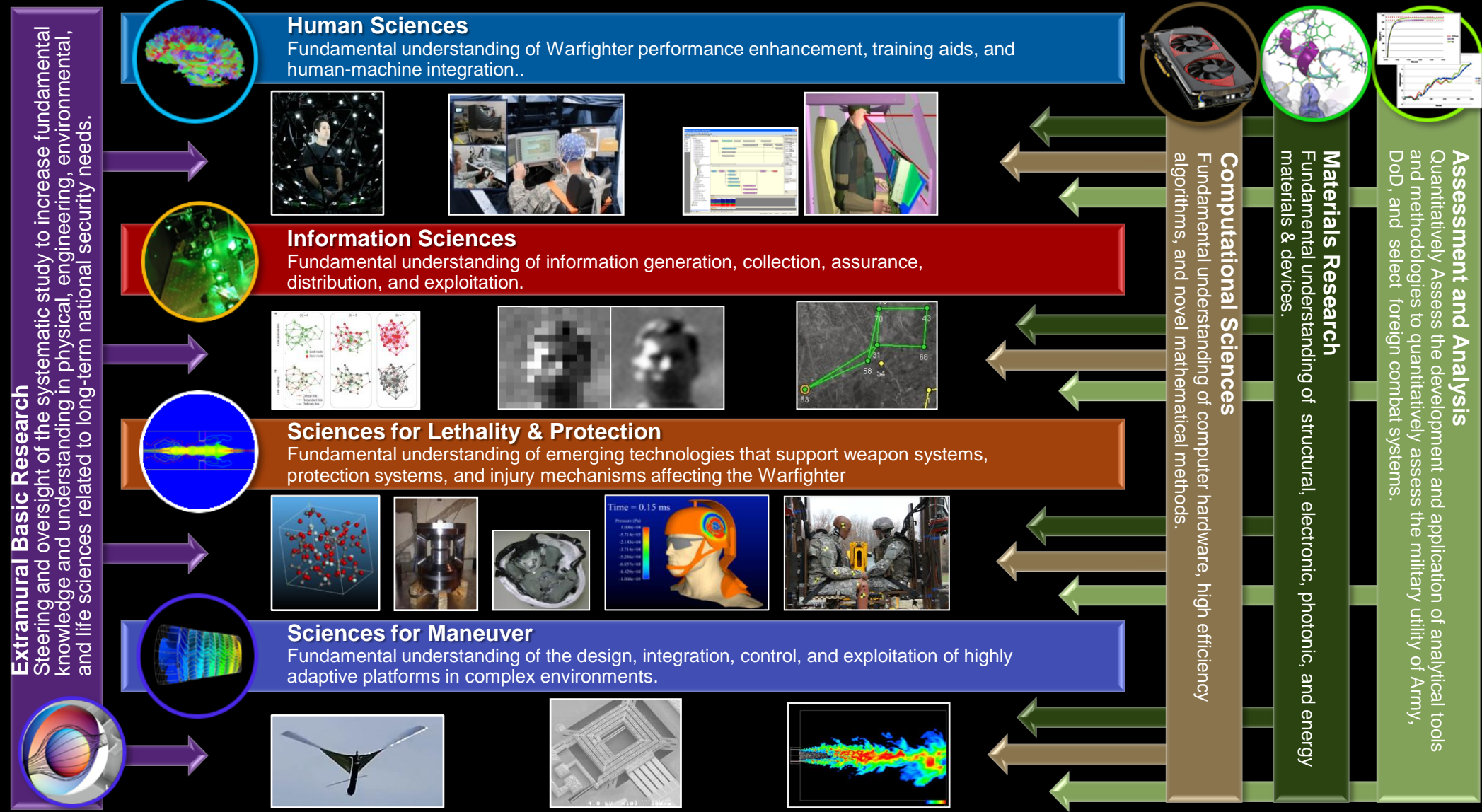




The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.



# ARL S&T CAMPAIGNS

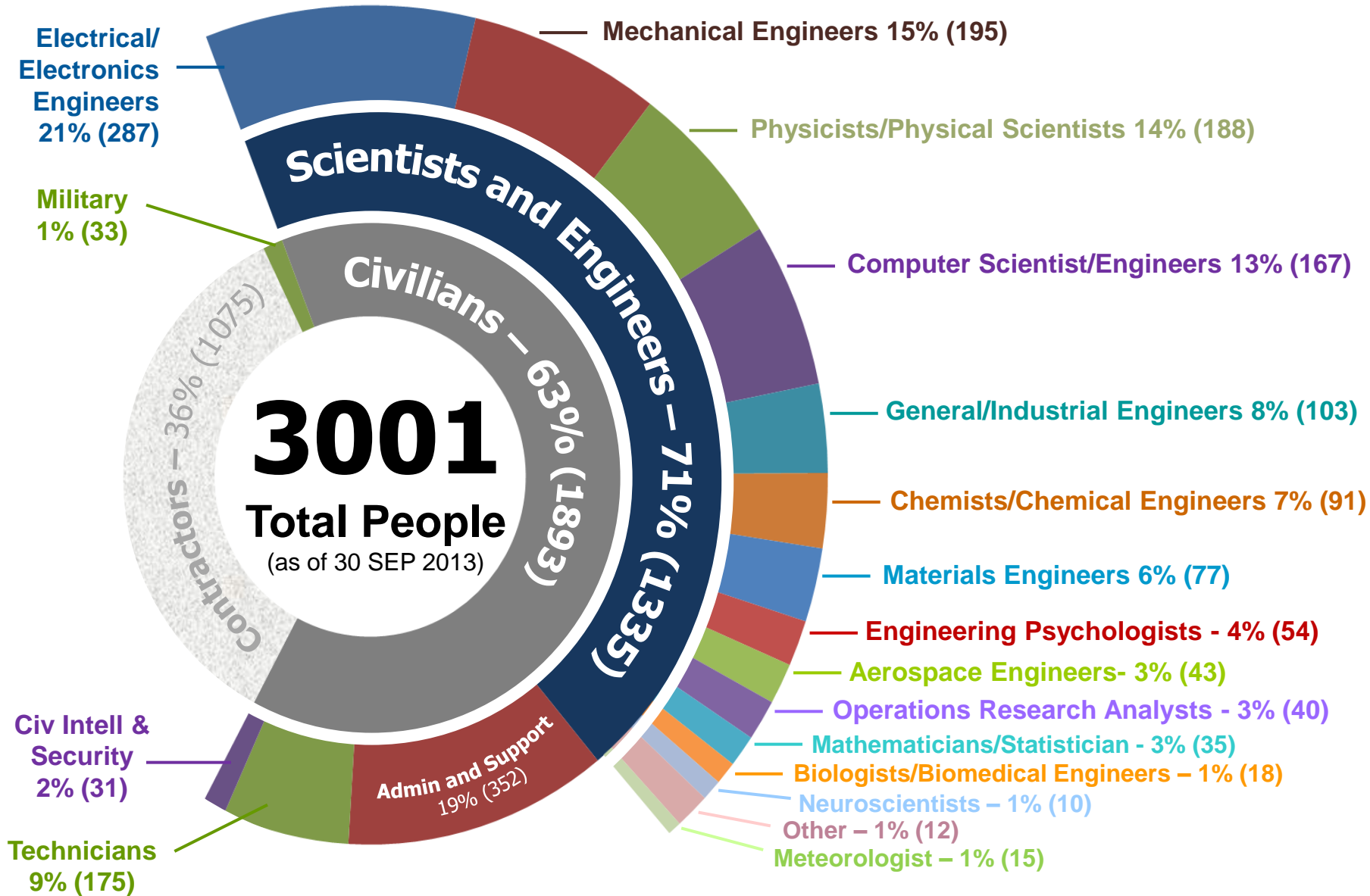


The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.





# TALENTED WORKFORCE



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# MAKING A DIFFERENCE TO THE WARFIGHTER

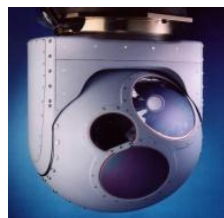
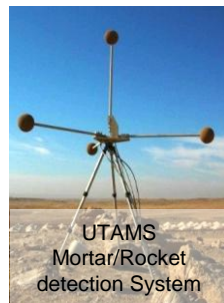
***Constant Hawk***



***Persistent Threat Detection System (PTDS)***



***MRAP Protection***



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# ENGAGEMENT OPPORTUNITIES

- ARL Open Campus
- Contracts
- Grants
- Cooperative Agreements (CA)
- Cooperative Research and Development Agreements (CRADA)
- Test Service Agreements (TSA)
- Patent License Agreements (PLA)
- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer (STTR)



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# DEFENSE LABORATORIES

- Inspired by Thomas Edison's vision of "a great research laboratory" maintained by Government; NRL created in 1923
- In 1945, Bush's *Science-the Endless Frontier* became model for scientific pursuits

"There are certain kinds of research - such as research on the improvement of existing weapons - which can best be done within the military establishment. However, the job of long-range research involving application of the newest scientific discoveries to military needs should be the responsibility of those civilian scientists in the universities and in industry who are best trained to discharge it thoroughly and successfully. It is essential that both kinds of research go forward and that there be the closest liaison between the two groups."

Bush, Vannevar. *Science-The Endless Frontier*, A Report to the President. July 1945.

## Current Defense Lab Model

**Gates & High Walls provide 20th century security, but are barriers to 21st century innovation**



**Defense laboratories relatively unchanged since inception!**



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.



# ARMY RESEARCH LABORATORY OPEN CAMPUS INITIATIVE

9

## Piloting a New Laboratory Business Model



- ✓ Human Sciences
- ✓ Information Sciences
- ✓ Sciences for Lethality and Protection
- ✓ Sciences for Maneuver
- ✓ Computational Sciences
- ✓ Materials Research
- ✓ Assessment and Analysis

*"We will need new technology over the next 10 years to make a leaner and more capable Army."*

GEN Raymond T. Odierno  
38th Chief of Staff, Army

**Responding to the National Security  
Challenges of the 21st Century**

The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

UNCLASSIFIED



U.S. ARMY  
**RDECOM**

# OPEN CAMPUS



- Open select spaces at ALC to include access to some unique facilities
  - Collaborative networks and equipment by June
  - Electronic security measures operational by Aug
- Develop plans to further open facilities at ALC, APG, and other sites

## Infrastructure

- Develop umbrella agreements with new partners
  - U of MD, U of TX, Texas A&M, UMass, UConn, MSU, USC, ASU, U of IL, PSU, BASF, PPG, Logos etc.
- Continue to leverage existing agreements
- Partnership Intermediary Agreement

## Attract the Best and Brightest

**50-100 Academic, Other Government Agency, and Industry Partners by Summer of 2014**

## Expanding and Developing Partnerships

- Harvesting existing relationships - UARCs, CRA/CTAs
- Attracting new partners via an Opportunities Document
- Small businesses incubator



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# ARL CONTRACTING OPPORTUNITIES

## Primary Interests:

Research and technology development efforts providing scientific and technological innovation in **ARL Technical Campaigns**

Contracting Officers are required to post solicitations and public notices regarding acquisitions to the fedbizopps and ASFI websites. It is highly recommended to monitor the following two sites to ensure that your business becomes aware of opportunities as early as possible:

<https://www.fbo.gov/>

<https://acquisition.army.mil/asfi/>



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

# ARL BROAD AGENCY ANNOUNCEMENTS

Title of Solicitation	Solicitation Number	Date Posted	Closing Date
DOD FY 2015 DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM (DURIP)	PA-AFOSR-2014-0001	September 2014	Closing Date - 17 November 2014 NLT 4:00pm ET
Defense Forensics & Biometrics Agency opens continuously from July 1, 2013 through June 30, 2015.	W911NF-13-R-0006	July 2013	White papers and full proposals - June 30, 2015
ARL Core Broad Agency Announcement for Basic and Applied Scientific Research for Fiscal Years 2012 through 2017	W911NF-12-R-0011-02	March 2013	31 March 2017
ARO Section of the ARL Core Broad Agency Announcement for Basic and Applied Scientific Research for Fiscal Years 2012 through 2017	W911NF-12-R-0012-02	March 2013	31 March 2017

[www.arl.army.mil](http://www.arl.army.mil)



The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.



# OPPORTUNITY

**TITLE: SIMULATION AND TRAINING ENGINEERING SERVICES (STES) SUPPORT**

**CONTRACT TYPE: Total Small Business Set-Aside IDIQ with CPFF CLINs**

**ESTIMATED VALUE: Not to exceed \$135M**

**CONTRACTING CONTACT: Briann Richardson, 407-384-3610, [briann.l.richardson.civ@mail.mil](mailto:briann.l.richardson.civ@mail.mil),**

**SOLICITATION #: W911NF-15-R-0001**

**ESTIMATED SOLICITATION RELEASE DATE:  
1QFY15**

The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

UNCLASSIFIED



# OPPORTUNITY

**TITLE: Scientific Services Program (SSP)**

**CONTRACT TYPE: IDIQ with FFP and CPFF CLINs**

**ESTIMATED VALUE: Not to exceed \$94M**

**CONTRACTING CONTACT: Christopher Justice,  
919-549-4287, [christopher.d.justice4.civ@mail.mil](mailto:christopher.d.justice4.civ@mail.mil)**

**SOLICITATION #: Unknown**

**ESTIMATED SOLICITATION RELEASE DATE:  
4QFY15**

The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.



# OPPORTUNITY

**TITLE:** Advanced Expeditionary Warfare Development- AEWD

**CONTRACT TYPE:** Multiple Award IDIQ with CPFF and FFP Task Orders

**ESTIMATED VALUE:** Not to exceed \$800M

**CONTRACTING CONTACT:** Emily Hobbs,  
919-541-9475, [emily.s.hobbs.civ@mail.mil](mailto:emily.s.hobbs.civ@mail.mil)

**DRAFT SOLICITATION #:** W911NF-14-R-0003

**ESTIMATED FINAL SOLICITATION RELEASE DATE:**  
1stQTR FY15

The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services.

UNCLASSIFIED



# ACQUISITION POINTS OF CONTACT

Point of Contact (POC) for the Army Contracting Command Aberdeen Proving Ground – (ACC-APG) Adelphi Division

Mr. Lee Hess, Chief Adelphi Contracting Division,  
301-394-4593; [lee.a.hess@us.army.mil](mailto:lee.a.hess@us.army.mil)

Ms. Christi Winkler, Associate Division Chief,  
301-394-3385; [christi.winkler@us.army.mil](mailto:christi.winkler@us.army.mil)

Mr. David Christ, Army Research Office, Small Business Programs  
919-549-4278, [david.o.christ.civ@mail.mil](mailto:david.o.christ.civ@mail.mil)

Ms. Joyce McDonald, Small Business Specialist  
301-394-3692; [joyce.mcdonald@us.army.mil](mailto:joyce.mcdonald@us.army.mil)

Technology Transfer POC

Thomas Mulkern, CRADAs, TSA, PLA  
410-278-0889, [thomas.j.mulkern.civ@mail.mil](mailto:thomas.j.mulkern.civ@mail.mil)

